



Product Data Sheet

133X575

Replace "x" with 1, 2, or 3 for number of poles

Add suffix "CH" for snap-on hinged cover

Power Terminal Block

420 Amps 600 Volts AC/DC

Wire Range

- Line: (1) 600kcmil - #2 AWG
- Load: (4) 2/0 - #14 AWG

Electrical Ratings

- 420 Amps
- 600V per UL 1059 & CSA22.2 No.158, Class B & C requirements
- Short Circuit Current Rating (SCCR): See SCCR section below for specifications
- CU7AL - 75°C connector terminal rating with copper or aluminum wire
- Factory & Field Wiring

Agency Compliance

- UR - UL Recognized Terminal Block, Evaluated to UL 1059, File No.XCFR2.E62806
- CSA - certified to C22.2 No. 158, File No. LR19766 (wire classes B & C only)
- CE compliant to IEC 60947-7-1

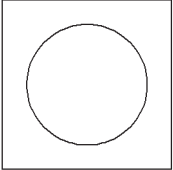
Material Information

- Insulator base:
 - Thermoplastic
 - Flammability rating of insulator base UL94V0
 - Insulator base temperature rating: -40°C to 125°C (UL RTI)
- Connector: aluminum, tin plated
- Terminal screws: aluminum, tin plated
- Connector mounting screws: steel, zinc plated
- RoHS compliant

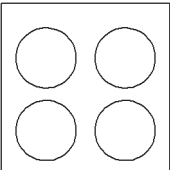
A Regal Brand

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Termination Specifications

Line Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) ¹
	600 - 500 kcmil	42.4 N·m (375 lbf·in)	1	B, C
	400 - 2	42.4 N·m (375 lbf·in)	1	B, C, G, H, I, DLO

- Aluminum stranded wire range: 600 kcmil - #2 AWG
- Wire strip length: 1 9/16in. (40mm)
- Terminal screw drive: 1/2in. hex

Load Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) ¹
	2/0 - 1/0 AWG	13.6 N·m (120 lbf·in)	1	B, C
	1 - 6	13.6 N·m (120 lbf·in)	1	B, C, G, H, I DLO
	8	4.5 N·m (40 lbf·in)	1	B, C, G, H, I, DLO
	10 - 14	4 N·m (35 lbf·in)	1	B, C, I, DLO

- Solid copper wire range: #10 - 14 AWG
- Aluminum stranded wire range: 2/0 - #6 AWG
- Wire strip length:
 - top row: 5/8 in. (16mm)
 - bottom row: 1 1/8 in. (28.6mm)
- Terminal screw drive: 3/16 in. hex

¹ For information on copper stranded wire classes please visit:
<http://www.marathonsp.com/flexible-stranded-wire.php>

Short Circuit Current Ratings (SCCR)

- The suitable conductor ranges are limited to the table values only for achieving the SCCR in excess of the default rating of 10,000A.
- Other conductor combinations within the “Terminal Specifications” noted are suitable for achieving a SCCR of 10,000A (the default rating of terminal blocks).
- Enclosure size – Investigated with a minimum 16x12x6 enclosure. Use in smaller enclosures is subject to end use evaluation.

Wire Type	Suitable Conductors Copper, Stranded		Overcurrent Protection Fuse Class/Max Amp Rating						SCCR, RMS SYM Amps
	Line	Load	J	T	RK1	RK5	G	CC	
B - C	600 - 2	2/0 - 10	400	400	400	100	60	30	100,000
*	600 - 2	2/0 - 14	None						10,000

Installation & Accessories

- Mounting (Panel):
 - For use with #10 fastener.
 - Mounting torque to be determined in end use application not to exceed 30 lbf-in (3.4 N-m)
- Covers:
 - Snap-on hinge covers available upon request
 - Catalog Number: CH133x (replace “x” with number of poles)
 - Covers are black thermoplastic
 - Accessory covers are not intended to provide insulation for electrical spacings.
- Marker Strip: white vinyl strip with mounting screws available.
- Printing options available, consult customer service for specifications.

Drawing

